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**NON-PROVISIONAL APPLICATION FOR U. S. PATENT UNDER 37 CFR 1.53(b)  
TRANSMITTAL FORM**

**Attorney Docket No. TI-33070**

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

**Inventor(s): Terence J. Murphy**

**EXPRESS MAILING** Mailing Label No. **EL840961238US**.  
Date of Deposit: **7-2-2001** I hereby certify that this paper is  
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Patents, Washington, D.C. 20231.

Trish Paramore

For: **CALIBRATION OF VOLTAGE MODE ACTUATOR DRIVER WITH CAPACITIVE LOAD**

**Enclosed are:**

- 10 sheets of informal drawings and 18 pages of Specification (including Abstract)  
X Declaration/Power of Attorney  
X Assignment with form PTO 1595

This application is a continuation-in-part of commonly assigned US Patent application Serial No. 09/681,695 entitled "Integrated charge and Voltage Mode Drive Circuit for Piezo Actuators Used in Mass Data Storage Devices or the Like" filed May 22, 2001.

FEE CALCULATION					FEE
	NUMBER		NUMBER EXTRA	RATE	BASIC FEE \$ 710.00
Total Claims	24	-20 =	4	X \$18 =	72.00
Independent Claims	1	- 3 =		X \$80 =	
Total Filing Fee					\$ 782.00

Please charge Deposit Account No. 20-0668 in the amount of the Total Fees set forth. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-0668.

All correspondence related to this application may be addressed to Daniel W. Swayze at Texas Instruments, Incorporated, P. O. Box 655474, M/S 3999, Dallas, Texas 75265.

Robert C. Klinger  
Reg. No. 34,365

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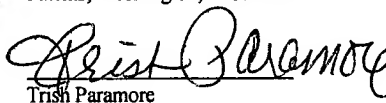
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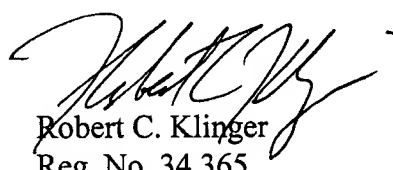
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Robert C. Klinger  
Reg. No. 34,365

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

07/11/2001 SZEWDIE1 00000056 200668 09899364

01 FC:101	710.00 CH
02 FC:103	72.00 CH